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**FUJITSU PATENT CENTER**  
Customer No.: 79326

Fujitsu Ref. No.: 03-51059

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**First Named Inventor:** Rainer HAINBERGER

**Confirmation No.:** 1302

**Serial No.:** 10/595,023

**Examiner:** Dzung D. TRAN

**Filed:** December 20, 2005

**Group Art Unit:** 2613

**Title:** OPTICAL REGENERATOR IN OPTICAL FIBER COMMUNICATION SYSTEM

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE**

Sir:

In response to the Office Action dated December 9, 2009, whose period for response expires March 9, 2010, kindly amend the above-identified application as set forth below. In view of the same as well as the following remarks, kindly reconsider and further examine the application.

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks/Arguments** begin on page 11 of this paper.